



CDF Operations Summary

Steve Hahn
June 15, 2005

March 2006 Shutdown—Week 16? or June 2006 Startup—Week 2?

**Hey, look!
Collisions!**

Don't believe!
Problems with CO
detector checklist
and Goodrun GUI
And Downtime Logger

Event display goes here, but we have
become so jaded/experienced there
are no event displays in the e-log, just
consumer plots

Store	Start	Stop	hours	InitL	Deliv	LiveLumi	Good *	Silicon	Runs Taken During Store
4760 <input type="checkbox"/>	2006.06.13- 20:25	2006.06.14- 13:43 Tues.	17.3	54.8	1,837.3	1,643.3 89.4%	0.0 0.0%	0.0 0.0%	218220 218223 218224 218226 218227 218245
4759 <input type="checkbox"/>	2006.06.12- 23:44	2006.06.13- 16:46 Mon.	17.0	29.3	1,054.3	632.9 60.0%	0.0 0.0%	0.0 0.0%	218174 218176 218177 218178 218179 218180 218181 218182 218183 218184 218185
4745 <input type="checkbox"/>	2006.06.09- 21:49	2006.06.10- 06:17 Fri.	8.5	1.8	43.9	37.5 85.5%	0.0 0.0%	0.0 0.0%	217990 217992 217994
4666 <input type="checkbox"/>	2006.02.22- 17:08	2006.02.22- 18:04	0.9	178.3	544.6	386.6 71.0%	389.4 71.5%	389.4 71.5%	212133

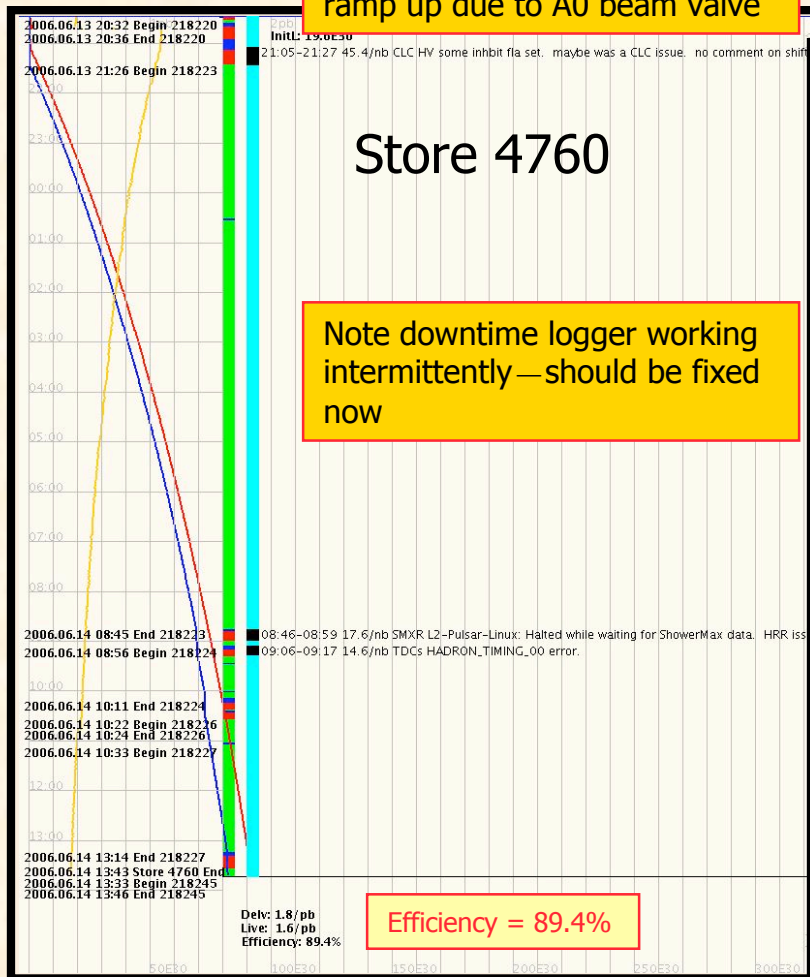
Last 10 minutes with
silicon after abort gap
cleanup via TEL

Stores long
enough for
accounting in
bold



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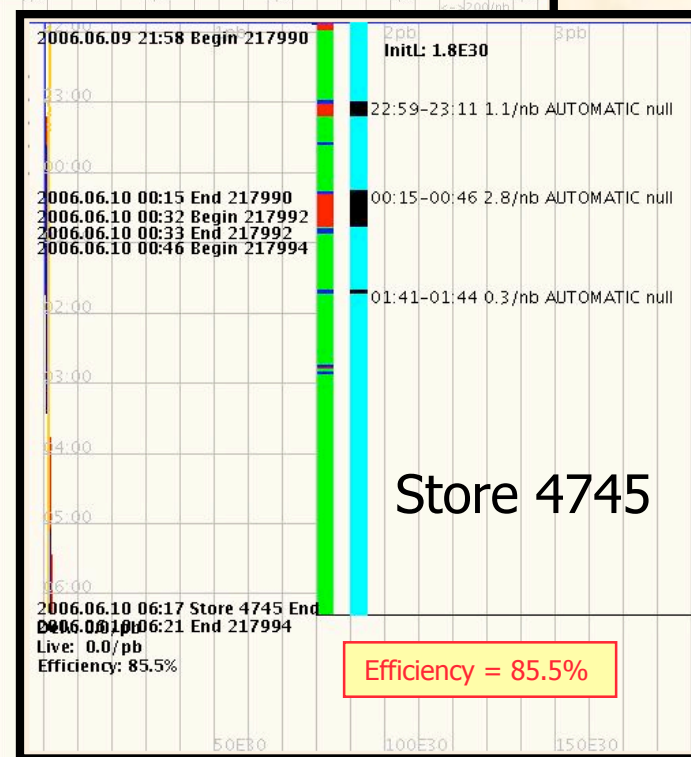
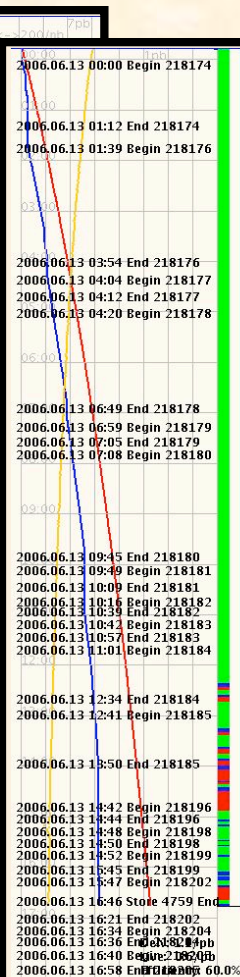
Shot last night quenched on ramp up due to A0 beam valve



Store 4760

Note downtime logger working intermittently—should be fixed now

Efficiency = 89.4%



Store 4745

Efficiency = 85.5%


Store 4759

Efficiency = 60.0%



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- ☛ Old news — Sebastian Grinstein replaced by Ulrich Husemann as Silicon SPL
- ☛ Plenty of small problems, but no showstoppers!
 - Many 2-D plot canvases not working in consumers — getting fixed
 - One hot plug trigger tower — bad $\text{sum}(E_T)$ lookup table in ADMEM, fixed
 - COT iFIX PC not receiving luminosity so current limits not set right — fixed
 - Still working on L3 Scientific Linux — hope to try with collisions in coming store
 - Need more silicon data, though 10 minutes was enough for SVT positions and slopes — hope to put in at start of coming store
 - Problem with plug HV — fixed for now
 - Problem with CLC HV — group would like to try CAEN crate swap
 - CLC luminosity still in process of being “calibrated” — almost done
 - ➔ Some new PMTS and old PMTs relocated to new positions
 - ➔ Need to iterate MIPs peaks (and thus PMT gains) and thresholds